

W2.8/2

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/10935

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ H01L27/04, G06K19/07, G06K19/077

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ H01L27/04, G06K19/07-19/077

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2003
Kokai Jitsuyo Shinan Koho	1971-2003	Toroku Jitsuyo Shinan Koho	1994-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2002-337827 A (Hitachi, Ltd.), 27 November, 2002 (27.11.02), Par. Nos. [0031] to [0032]; Fig. 4 (Family: none)	1-9
Y	JP 6-181289 A (Toshiba Corp.), 28 June, 1994 (28.06.94), Par. No. [0013] (Family: none)	1-9
Y	JP 2001-284533 A (Oki Electric Industry Co., Ltd.), 12 October, 2001 (12.10.01), Par. No. [0011] (Family: none)	1-9

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search
05 November, 2003 (05.11.03)Date of mailing of the international search report
18 November, 2003 (18.11.03)Name and mailing address of the ISA/
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INTERNATIONAL SEARCH REPORT

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PCT/JP03/10935

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2000-331830 A (Fuji Electric Co., Ltd.), 30 November, 2000 (30.11.00), Full text; Figs. 1 to 5 (Family: none)	3
Y	US 2002/0016020 A1 (Mitsuo USAMI), 07 February, 2002 (07.02.02), Full text; Figs. 1 to 19 & JP 2001-283169 A Full text; Figs. 1 to 19	5, 9
Y	US 2002/0074666 A1 (Mitsuo USAMI), 20 June, 2002 (20.06.02), Full text; Figs. 1 to 12 & JP 2002-184872 A Full text; Figs. 1 to 12 & KR 2046911 A	6, 7
Y	CD-ROM of the specification and drawings annexed to the request of Japanese Utility Model Application No. 5771/1999 (Laid-open No. 3066278) (Kabushiki Kaisha Shokuichi), 24 November, 1999 (24.11.99), Full text; Figs. 1 to 4 (Family: none)	7
Y	JP 2003-76961 A (Toppan Printing Co., Ltd.), 14 March, 2003 (14.03.03), Full text; Fig. 1 (Family: none)	8

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